HAMATEUR CHATTER

The Milwaukee Radio Amateurs' Club, Inc.

The World's Oldest Continuously Active Radio Amateur Club

75 YEARS of Continuous Club Activity!

W9RH CLUB CALL

For Information on HAM RADIO or Our Club - CALL **466-HAMS**

FEB - 1994

THE NEXT MRAC MEETING

Date: **Thursday - February 24, 1993**

Time: **7:30 P.M.**

Place: **Wauwatosa Savings and Loan at 75th and State in Wauwatosa**

Program: George Pfister - W9IZQ will show us and tell us about a transmitter taken from a PBY (flying boat). It was a PBY that was responsible for discovering the Japanese fleet just after Pearl Harbor.

We will also see a video which is a tour through the Ten Tec factory.

Appreciation Award certificates will also presented to various deserving individuals.

March Meeting: Thursday - March 24, 1994

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FROM THE PRESIDENT'S DESK

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It's on the air! Our 2 meter repeater, that is. Try it, You'll like it.

Our Friday night net starts on 10 meters (28.4MHz) at 8:45 pm and moves to 2 meters (147.045 +offset) at about 9:15. In the past weeks we have had ten to fifteen check in on both 10 & 2 meters. So check in and meet your fellow Club members. The repeater does require more than a rubber duck antenna, but it does work.

Jim & I have added an amplifier to our HT in our trucks and we find we can work it all over town.

The Club talked about a repeater for a long time. Now we have one, so let's use it.

Our school is about to start again on March 2nd. We hope to run Novice, No-Code Tech & General classes. So now's Your time to upgrade. We could use your help at the school. If you would like to help in any way, give me a call at 461-6961 or 466-HAMS.

Fred Lynn found the Club corporate stamp or seal, so now we can use it on our awards and membership certificates. By the way if you do not have a membership certificate and would like one for your wall or whatever, please send me a QSL card and we'll have one made up for you. You must of course be a paid up member.

Hope to see you at our next meeting or on 147.045 + offset.

73 for now,

Ed - W9PWG

CLUB OFFICERS:

President:	W9PWG
Ed Wille	461-5961
1st VP:	W9VQD
Travis Baird	352-9642
2nd VP:	W9UVV
Roger Zaun	242-4931
Secretary:	W9NZF
Fred Linn	377-3280
Treasurer:	KA9ONQ
Orv Stewart	527-2663
Board Chairman	WA9RDI
Ted Stiller	871-7486
Directors:	
Paul Boese	KB9FBM 466-0697
Pancho Doneis	KA9OFA 344-4694
Tom Fuszard	KF9PU 321-5845
Bill Jones	KF9FA 781-4565
Catherine Kedney	KA9MWT 774-2114
Jack Krause	W9JK 774-6999
Joe Rayome	KE9LL 463-7668
Editor	
Pancho Doneis	KA9OFA 344-4694
Circulation/Roster	
Jerry Thompson	WA9SFH 354-6943

Use Our
W9RH Repeater
147.045 MHz + *offset*

MILWAUKEE AREA NET INFORMATION

DAY	TIME	MHZ	ACTIVITY
DAILY	6-8 AM	14.290	Wisconsin/Florida Net (SSB)
SUN	8:00 PM	28.365	10-10 International (Milwaukee Ch.) (SSB)
SUN	8:00 PM	146.910	Information Net
SUN	8:30AM	3.985	QCWA - (Chptr. 55) (SSB)
SUN	9:00 PM	146.910	Swap Net
SUN	10:00 AM	443.800	FM-38 Link to 146.88 Baraboo SWAP Net
MON-FRI	8:30 AM	3.965	After Breakfast Club (SSB)
MON	8:00 PM	146.445	Emergency Net
MON	9:00 PM	146.670	ARES Net (Milwaukee-Waukesha)
MON	9:00 PM	50.160	6 Mtr. General Net
TUE	7:00 PM	442.200	General Racine N9OEZ rep.General
TUE	8:00 PM	7.035	A.F.A.R. Net (CW)
WED	8:00 PM	28.365	10-10 International (Milwaukee Ch.) (SSB)
THU	9:00 PM	50.160	6 Mtr. General Interest Net
THU	9:00 PM	146.910	Computer Net
FRI	8:45 PM	28.400	W9RH 10 meter MRAC Station Net(SSB)
FRI		147.045	W9RH 2 mtr net following the 10 mtr net

The 2 meter frequencies are -600 khz offset FM repeaters. FM38 is +5 Mhz offset, tone 114.8 The 10 meter frequencies are upper sideband (USB). If there are additions, changes, or corrections to this list, please contact; Pancho KA9OFA. 344-4694 or call 466-HAMS.

We do still have room for more.

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EDITOR'S NOTES

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Dear Friends of MRAC,

We are again getting close to the time to elect new officers. Granted, it's not an earth shattering event, but it can effect the shape of our Club and the direction that we move in the near future. Our Club has come a long way in the past year and a half and we have done some great things. I do think that we have still more that can be done:

1) **We have a possible swapfest to attend to If you have any ideas, talk to Ted Stiller - WA9RDI, Ed Wille - W9PWG, or Orv Stewart - KA9ONQ, or call 466-HAMS.**
2) **We have a repeater which still needs some volunteers for various positions. Talk to Ed Wille - W9PWG, Jim Tromblay WB9LNU, or Roger Zaun - W9UVV, or call 466 HAMS.**
3) **We have an ARRL Field Day activity which will need volunteers. Call Ed Wille - W9PWG or call 466-HAMS.**
4) **We need ideas for programs for the general meetings.**
5) **We need ideas for entertainment for our next Christmas party.**

In short, there are plenty of things for all to do in the Club. This IS a participation type club, not a "sit back and entertain me" type Club.

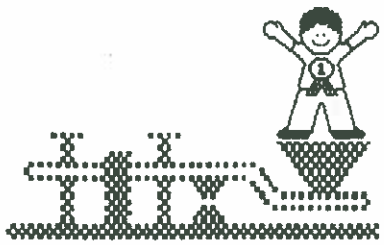
If you'd like to serve on the nominating committee, talk to Ed Wille - W9PWG or call 466-HAMS.

Enough said.

73's

Pancho

Pancho - KA9OFA



FCC HAM RADIO EXAMS

Wednesday Exams

All Grades MRAC VEC *

Third Wed. of each month at 6:30 pm

Village at Manor Park (was Methodis Manor)

3023 S. 84th St.

Milwaukee, WI

Walk-ins are welcome, but preregistration is requested if possible. To register in advance, send a post card on which you have printed the grade of license for which you are applying, your name, address and telephone number to;

c/o Jack Krause-W9JK
1737 N. 116th St.
Wauwatosa, WI 53226

or

c/o Les Peterson - W9YCV
9741 W. Howard
Greenfield, WI 53228

For more information call:

466-HAMS

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Saturday Exams *

Last Saturday of Each Month

at 8:30 am

at Wauwatosa S&L

7500 W. State St. Wauwatosa

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SWAT TEAM Exams *

2nd SAT of each month

at **1:00 pm**

Wauwatosa S&L

6560 S. 27th ST.

Oak Creek, WI

Enter the north end of the building, downstairs and follow the signs.

For more info call:
KB9QL - Norman McNew (414) 764-5998
or AA9DO - Joe Metry (414)761-9219.

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*** Bring your license (if any) and 2 copies also the same for CSCE's you may have. Originals will be returned to you.**

$5.00 charge for exams for ALL classes of license.

HOW A COUPLE OF HAMS HELPED FIGHT CRIME IN CHICAGO

By Roger Zaun, W9UVV

This happened in Chicago in late 1939. I was a Junior Design Engineer in the laboratories of the Thordarson Electric Company. Early one morning, our Chief Engineer, Wilfred Howe - W9UPV, came down to the lab with his good friend, Fred Schnell - W9UZ in tow. Fred was then head of Police Radio Communications for Chicago. Wilfred said that Fred - W9UZ was having a serious work related problem that he hoped we could help resolve. However, the information that Fred would disclose must be kept confidential and go no further.

Fred Schnell then told us that Currency Exchanges in one area of the city were being "ripped off" by an elusive group of armed holdup men. To date, efforts to apprehend them were nil and City Hall was pressing the Police Department for immediate action. Police officers had been staked out in back rooms of several Exchanges, but this effort tied up personnel and put customers and clerks in harms way. Also, a shootout had already occurred. Luckily no one was injured, but the bandits escaped. So the department was reluctant to further pursue this approach. Fred also related that they had tried dedicated alarm phone lines to police headquarters but this was not productive. By the time the hold-up information was relayed to the Radio Dispatcher and broadcast to the radio police cars, the hold-up men were long gone.

Fred Schnell then stated he had an idea that just might be the solution. However, to put it through regular departmental channels would take forever and would likely compromise the secrecy of the plan. So, to cut the red tape, Fred said, "I've come here to my Ham friends to solicit your help."

What Fred wanted, with our company's cooperation and approval, was to design and build him a small portable transmitter to operate on the police frequency, which I believe then was about 1750 kilocycles. This unit was to put out a coded tone modulated signal when actuated by an alarm switch. His plan was to install the transmitter in a selected Currency Exchange and inform only the radio squad car assigned to the area of the target Exchange the exact date and time of the surviellance operation. This direct radio alarm system, he believed, would bring the immediate police response that was missing from the current police efforts.

Next, my Chief Engineer, Wilfred Howe - W9UPV, said "Roger, I want you to handle this. You have been building Ham transmitters for several years and are currently working on designs for our new Transmitter Manual, so It should be a 'Piece of Cake' . You are to drop all present projects, and I want to see a completed prototype for Fred in ten days, or less."

I well remember the "rig". I designed. It was a Pierce crystal oscillator, using a 47 tube coupled to a 1619 beam tetrode final, using screen grid modulation. The carrier output was about 15 watts. The 1619 tube utilized a pi-network tank circuit, so the rig could be loaded into any random length of antenna that would be strung up for this special operation. The modulator was a type 2A3 used in a 1000 cycle audio oscillator circuit. This circuit employed a center tapped output transformer with the secondary winding carrying the 1619 screen circuit current, thus ton modulating the final. The cathode circuit of the 2A3 was keyed by a contact riding on a notched rotating drum driven by a small constant speed motor. The power supply was conventional, operating from 115 volts ac. Directly heated filament tubes were selected so that the transmitter could be put in operation almost instantly. The power supply also utilized a latching relay so once the low voltage alarm circuit was closed, the transmitter remained on the air until it was reset.

The entire unit was mounted in a Bud carrying case. The only panel controls were the final tuning, antenna loading, a relative output meter, and antenna terminal and terminals for the remote alarm switch.

Well, we did make the project deadline and delivered the finished unit to Fred Schnell - W9UZ.

Needless to say, I was very curious to know if the unit ever accomplished its intended purpose. About a month later, I saw Fred at a local Ham gathering and queried him on his sush-hush project. He pulled me aside, and in a confidential tone said, "Hey, you haven"t seen any recent reports fo Currency Exchange robberies in the Chicago Tribune, have you? Incidentally, my job in the Police Department still seems secure. It's entirely possible this turn of events could be related to the assist from you guys at Thordarson. Enough said!"

"FREEBIES"

Our Club has acquired a collection of about 40 transformers. They include power, filament, audio and choke types. A good share are new. Copies of the list of the units will be available at the February meeting.

They are free for the asking. If interesed, advise Roger Zaun - W9UVV of your choice.

HAM CLASSES

Come on guys and gals get a radio amateur's license. If you have a license - UPGRADE. It's easy and inexpensive. In fact, if you are a member of MRAC, it's ***FREE!*** The only cost is the cost of the study materials. Courses for Novice, Tech, & General classes of Ham license are available.

Classes for Amateur Radio licenses begin again Wednesday evening **7-9 pm March 2nd, 1994**.

Classes will again be held at;

Village at Park Manor
(used to be Methodist Manor)
3023 S. 84th St.
(84th and Oklahoma)
West Allis, WI

For more information call:
466-HAMS

REPEATER NEWS

Due to cold weather and the fact that W9PWG's garage is not heated, not many changes or updates have been made to the repeater. The tubes in the exciter have been changed by Ed to bring the output level back to normal. The final tank circuit needs new capacitors but we will wait till it's warmer.

At our January Club meeting we had 4 members volunteer to be control operators and try to help promote the use of our repeater. tHey are Dave - WB9BWP, Dick - KA9CVL, Byron N9RTL and Tom - N9UFJ. We are still looking for additional members to help develop repeater activity.

The main purpose of a club repeater is for the members to communicate with each other. I don't know what the magic trick will be to get everyone on. We need ideas! I personally bought an amplifier for my HT so I could increase my transmit power and receiver gain so I can use the repeater as it is. I think the high cost of new equipment will prevent us from making additions to the repeater in the near future. I hope this spring everyone will work on their 2 meter antennas and equipment so they can work each other through our system.

For those of you who are interested in earning the new W9RH Repeater Friendship Award Certificate, submit a log of your contacts to me. Please include a 9x12 S.A.S.E.

See you on 2 meters.
73,

Jim - WB9LNU

OUR PEOPLE

Carlos Barron - N9MYL is recovering from knee surgery. Emerend Bude - K9HJH and Dick Schlatterer - KA9MTY are still on the sick list..

We had a whopping 18 people at our breakfast on Sat. 2/5/94:

Dick - KA9MTY,	John - WB9PSE	Mike - WA9IFF
ED - KE9JJ,	Myron - KA9MWV	Mike Malloy - (waiting for call)
Fred - W9NZF,	Bill - N9IBU	
Fritz - WB9RMC,	John - N9NWN	Ed - W9PWG
Ted - WA9RDI	Harry - NW9X	W9VQD - Travis (the late)
Orv - KA9ONQ	Phil - KC9CI	KA9OFA - Pancho
Jerry - WA9SFH		

BIRTHDAYS

We have several Club members celebrating birthdays this in February:

William Brossmann - W9EQP	Bernard Moores - K9KLM
James Buth - K9CJK	Lee Mushel - K9WRU
Charles Dawson - KI4WV	Richard Scarvaci - K9CAN
Gary Ertel - WB9AON	Ted Stiller - WA9RDI
Gordon Fedder - W9YFW	Jim Taylor - K9JT
Bill Fullhart - N9IBU	Gordon Weiler - KI4WV
Roman Hudzinski W9JPS	James Zabel - W9KNZ
Fred Krause - W9VLK	

HAPPY BIRTHDAY!

This is all the info that I have in my files on birthdays for February.

MEMBERSHIP DISTRIBUTION MAP

Orv Stewart - KA9ONQ is preparing a map which will show the distribution of our MRAC membership in the metropolitan-Milwaukee area. Look for it in an upcoming issue of Hamateur Chatter.

SPECIAL EVENT STATION

MRAC is planning to activate a special events station this August to commemorate our 75th year of continuous Amateur radio activity. The plans are for this HAM station to be assembled in and operated from the old Cedarburg Rail Road Depot. Look for more details in upcoming issues of Hamateur Chatter.

ELECTION OF OFFICERS

The MRAC will be electing a new slate of officers this spring. The nominating committee has been chosen and consists of:

Ken Eggert - W9MOT (Chairman)
Dave De Fefebo - WB9BWP
Ed Seruga - KE9JJ
Pancho Doneis - KA9OFA

Someone from the nominating committee will be contacting you to ask if you would like to serve as one of the officers or if you have anyone you would like to nominate to a particular office.

We do need your cooperation and your ideas as we would like to keep our Club growing, not only in numbers, but also in quality and activity.

We do have 75 years under our proverbial belt - let's make it another 75 years or more.

I'm sure many of you have hidden leadership talents that even you may not be aware.

Here is your chance to volunteer and be of real service to your fellow Club members and Amateur Radio.

Club Meetings

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West Allis Radio Amateur Club
Meets the second Tuesday of each month
at 8:00 p.m.
At St. Peter's Episcopal Church
7929 W. Lincoln Ave.
West Allis, WI

Miller Valley Radio Amateur Club
Tuesday evenings at 6:30 p.m.
at 703 N. 39th St.,
just north of and almost under
the former Wis. Ave. viaduct.
For info contact: Art - WA9AWJ
(found daily on the 145.13 repeater).

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CLUB ACTIVITIES

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W9RH- TEN METER NET

Come on up and join us on **W9RH Ten Meter Net** on **Friday evenings at 9:00 PM** at approximately 28.4 MHZ.
We'd like to meet you there.

CQ Third Tuesday

11:00 am
Skanda House
Hwy 100 & Oklahoma

Y'all come! to the
MRAC **HAM BREAKFAST**
every Saturday morning
at 8:30 o'clock.
Maxim's Restaurant
9143 W. Appleton Ave.
(corner of 91st St.
and Appleton Ave.
near Timmerman Field)
Prices are reasonable, the food - good, and the company - excellent.

Friday Evening CQ Food
First Friday of the month Fishfry
Quality Inn
Hwy 100 and Bluemound

2nd Friday
Serb Hall at 51st and Oklahoma
Call: Warren - K9I2V
on th 146.91 - offset
for reservations by Noon on that FRI.
Other Fridays
Check in 5:00 pm
Decision & finalization at 6:00pm
and meet at
CQ Food destination at 7:00pm
Other CQ Foods on a random basis
also called on this repeater
"CQ Food" on WA9JDB 146.91 Repeater.

NEWS CONTRIBUTIONS

Articles and information for the newsletter should be received by the editor **no later than the first of the month of publication**. If received after the first of the month, its **inclusion** in that month's edition **cannot be guaranteed**. Your cooperation is appreciated.

Please mail submissions to:

Hamateur Chatter
c/o **Pancho Doneis**, KA9OFA
1958 N. 38th St.
Milwaukee, WI 53208

You may also call me at:
344-4694.

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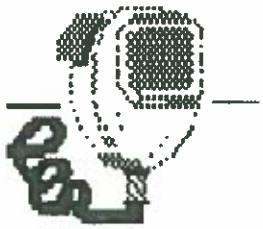
Thanks to our news contributors this month:

W9NZF W9PWG W9UVV
KA9ONQ WA9SFH



QST QST QST de W9RH

All those interested in forming a W9RH CW Net, please use the form below to indicate your preference of Day, Time, and Frequency most convenient to your schedule. Mail the completed form to our P.O. Box to allow us to assemble a roster of operators.

The purpose of the net is to afford an opportunity to talk to others, to develop CW skills, and to improve code speed under on-the-air conditions.

The net is intended as a "slow speed" net, and is to be organized for operation on a regular basis. Anyone wishing to volunteer for service as Net Control, please so indicate on the form.

TO: MRAC, P.O. BOX 25707, Milwaukee, WI 53225

I am interested in participating in the proposed CW net. My schedule preference appears below:

DAY	TIME	FREQ.	Net Control? Yes	No

NAME _____ Call _____

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* * * * UPCOMING EVENTS * * * *

* Signifies VE Testing

1994 TMRA Hamfest/Computer Fair
SUN - MAR 20, 1994
Lucas County Recreational Center
Maumee, Ohio
T/I on 147.27 - rptr

Lamersfest 1994 *
SUN MAR 17, 1994
Lake County Fairgrounds
Grayslake, IL
T/I 146.52 simp or 147.345 + Rptr

Madison Swapfest & Computer Fair
SUN - APR 10, 1994
Dane County Expo Center
Madison, WI
T/I on 147.15 + Rptr

Rockford Hamfest *
SUN - APR 17, 1994
Rockford, IL
Metro Center
T/I on 146.61 - Rptr

De Kalb Hamfest
SUN - MAY 1, 1994
Sandwich, IL
T/I 146.52 simp. or 146.73 - offset Rptr.

G.M.R.S. - May Fest
SUN - MAY 22, 1994
Du Page County Fairgrounds
Wheaton, IL
T/I on 146.52 direct or 462.6, 467.6 PL 173.8

Princeton Hamfest and Computer Show
SUN - JUN 5, 1994
Bureau County Fairgrounds
Princeton, IL
T/I on 146.355 - Rptr.

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